

FIG. 1A

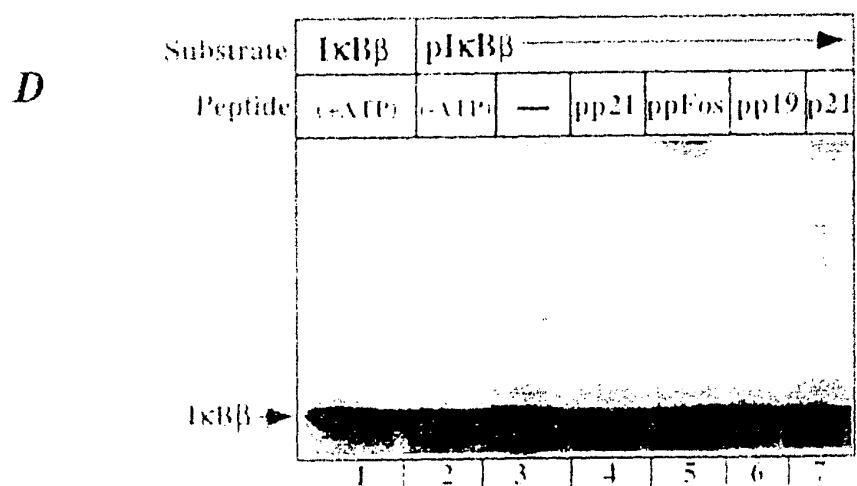
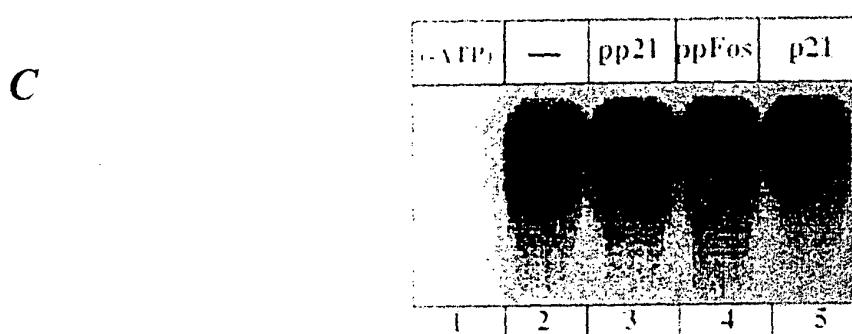
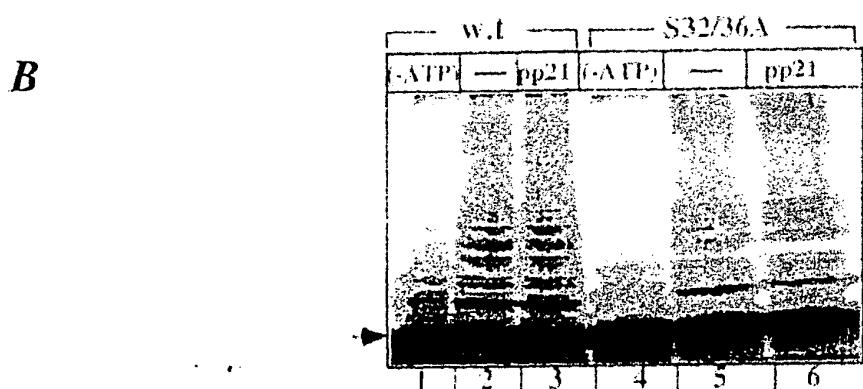


FIG. 1B-1D

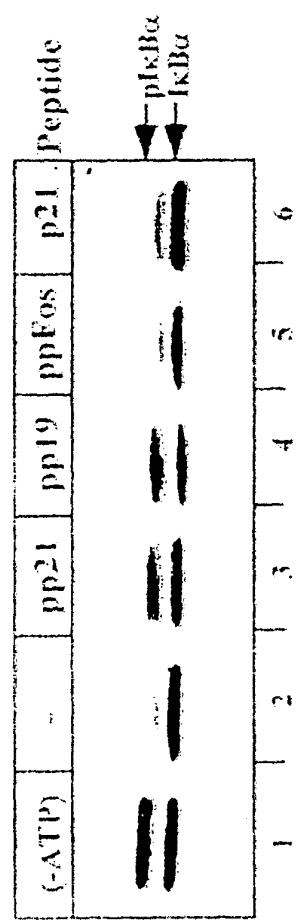
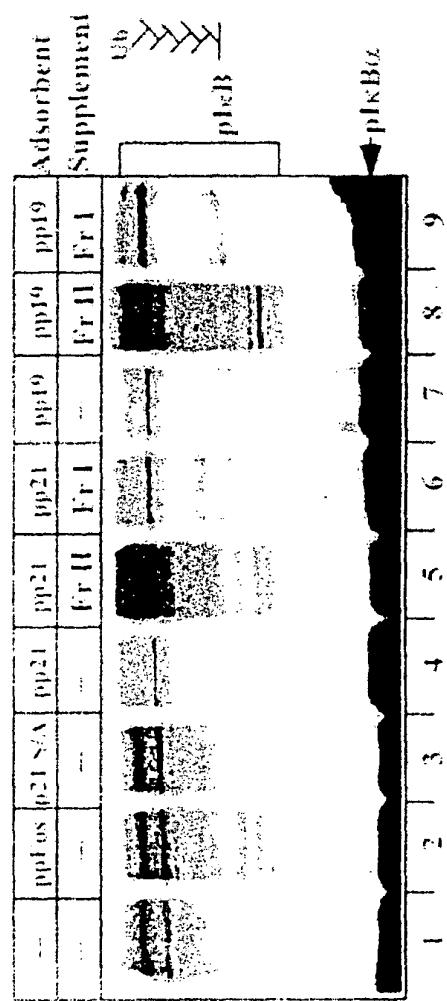
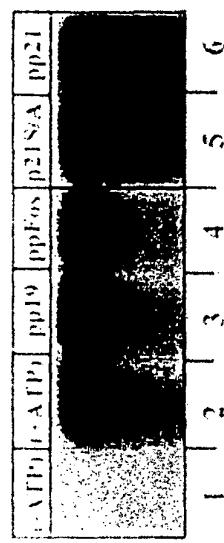


FIG. 2

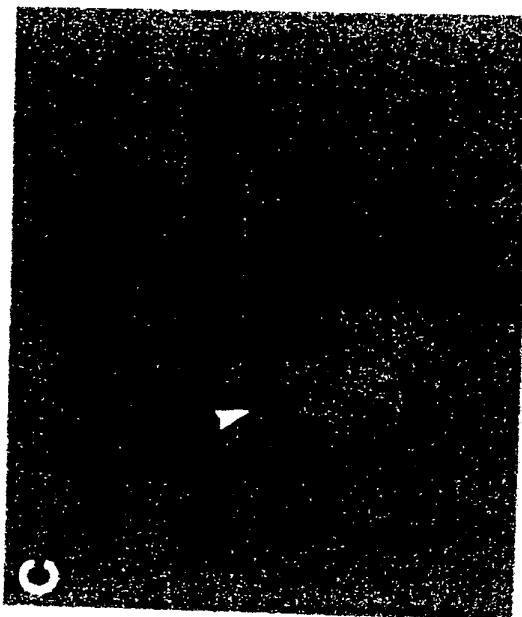
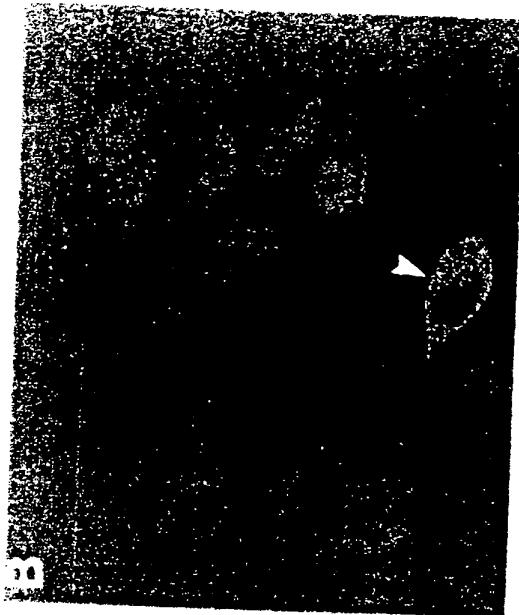


10

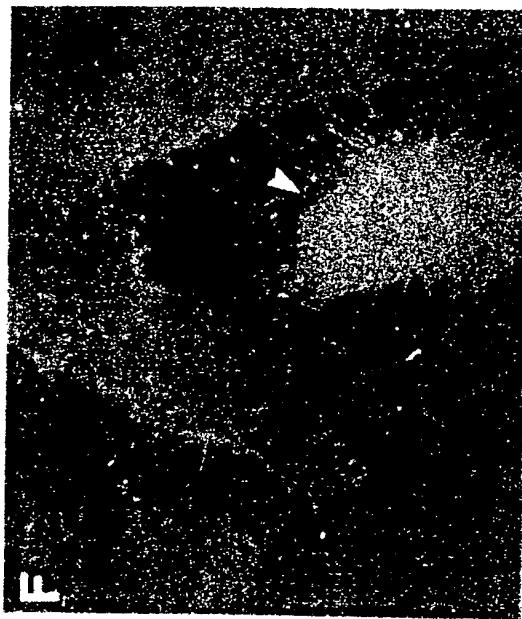
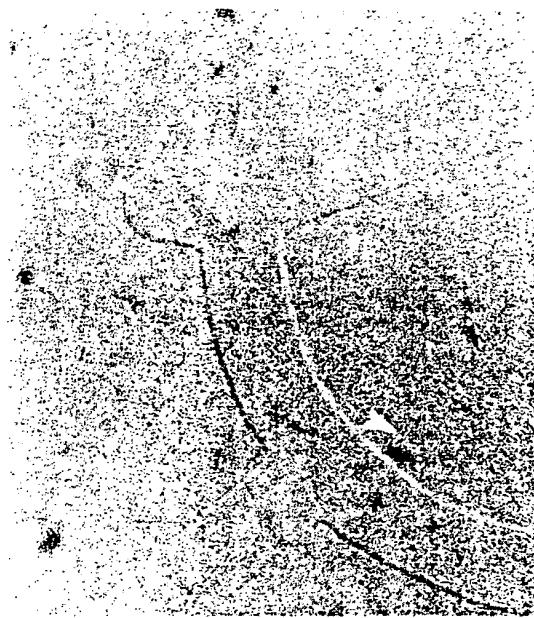


3

FIG. 3A and 3B



Figures 1a, b, c



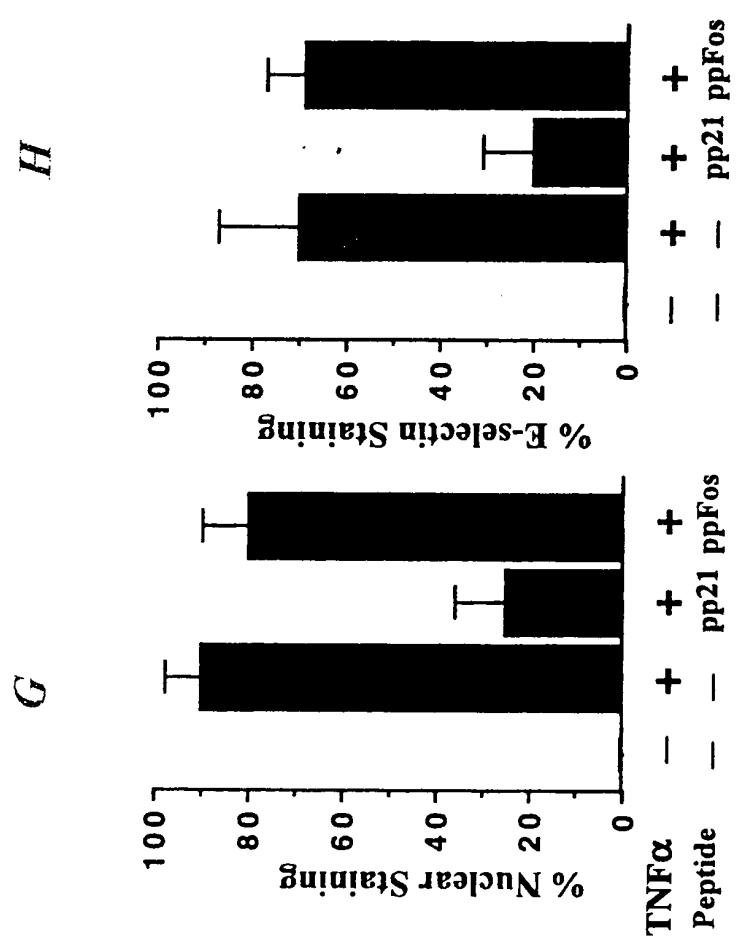


FIG. 4*G* and 4*H*

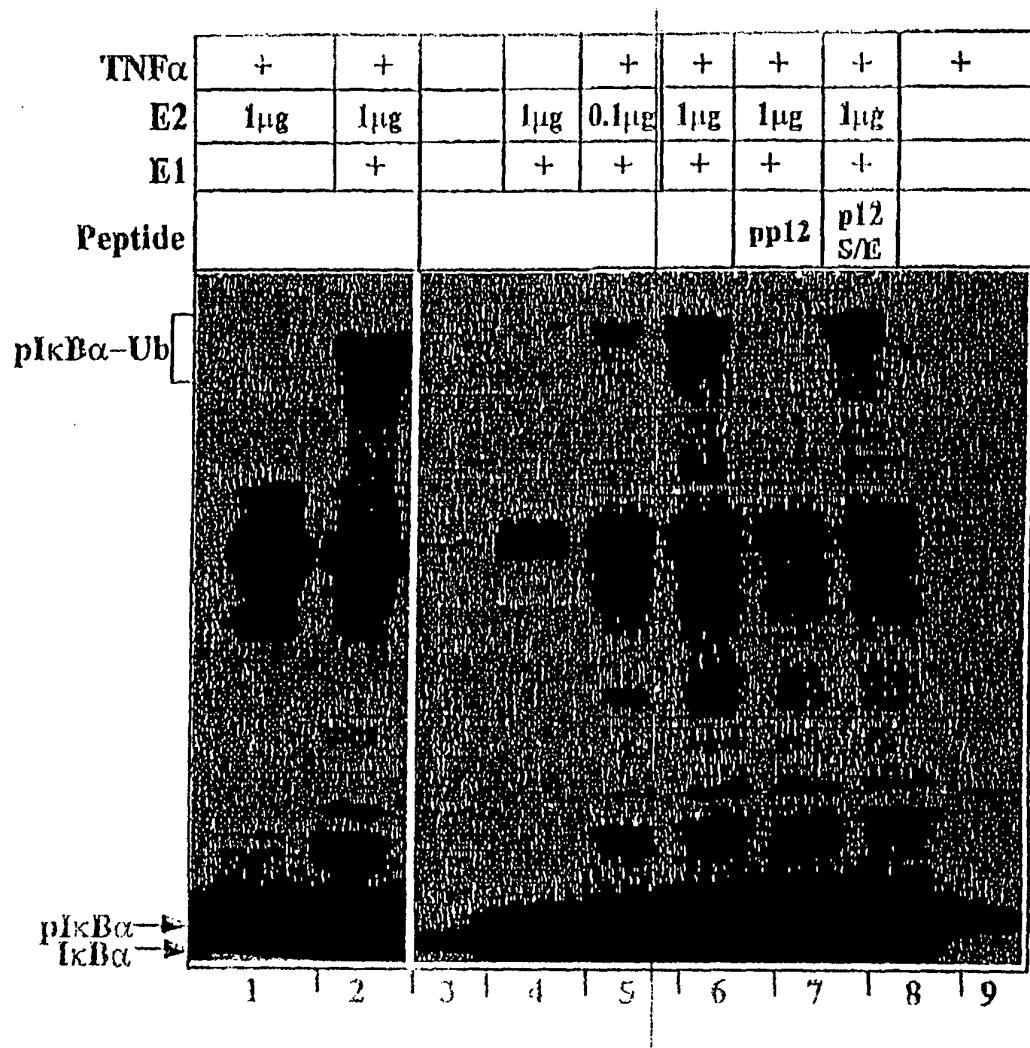


FIG. 5

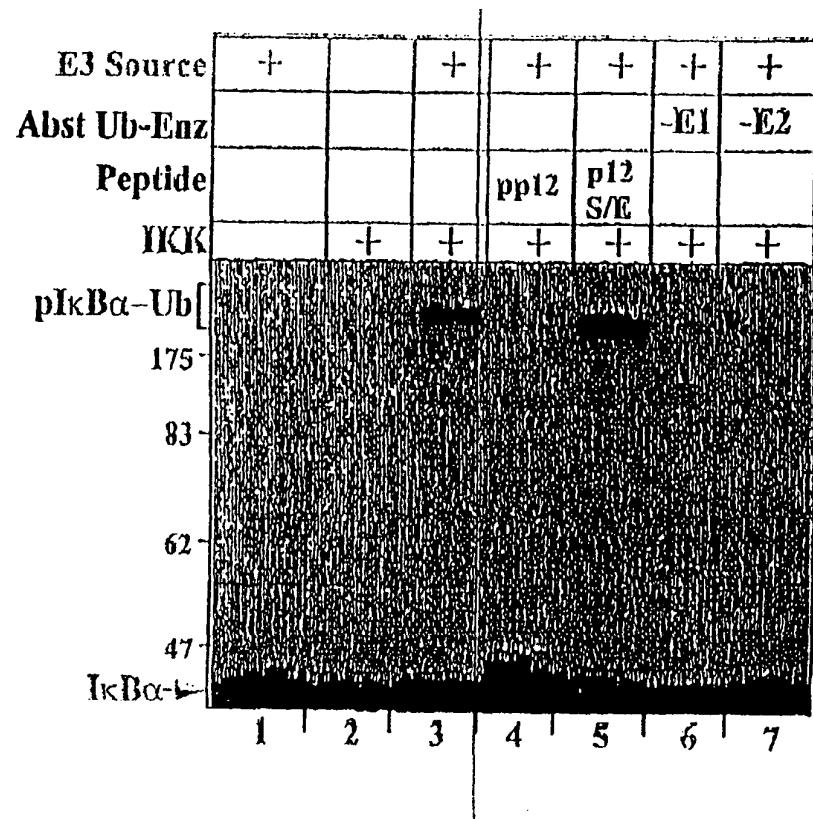


FIG. 6

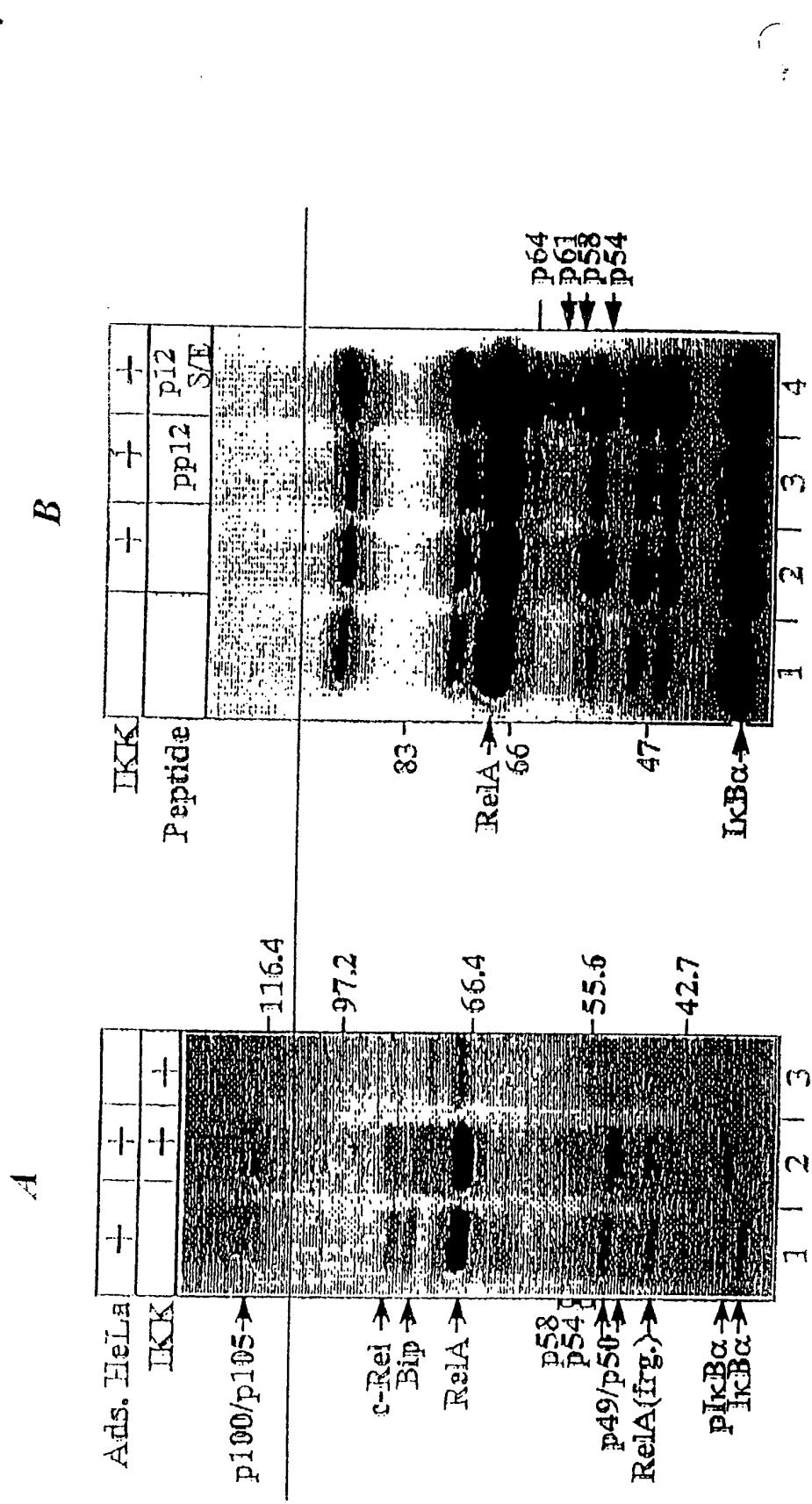


FIG. 7A and 7B

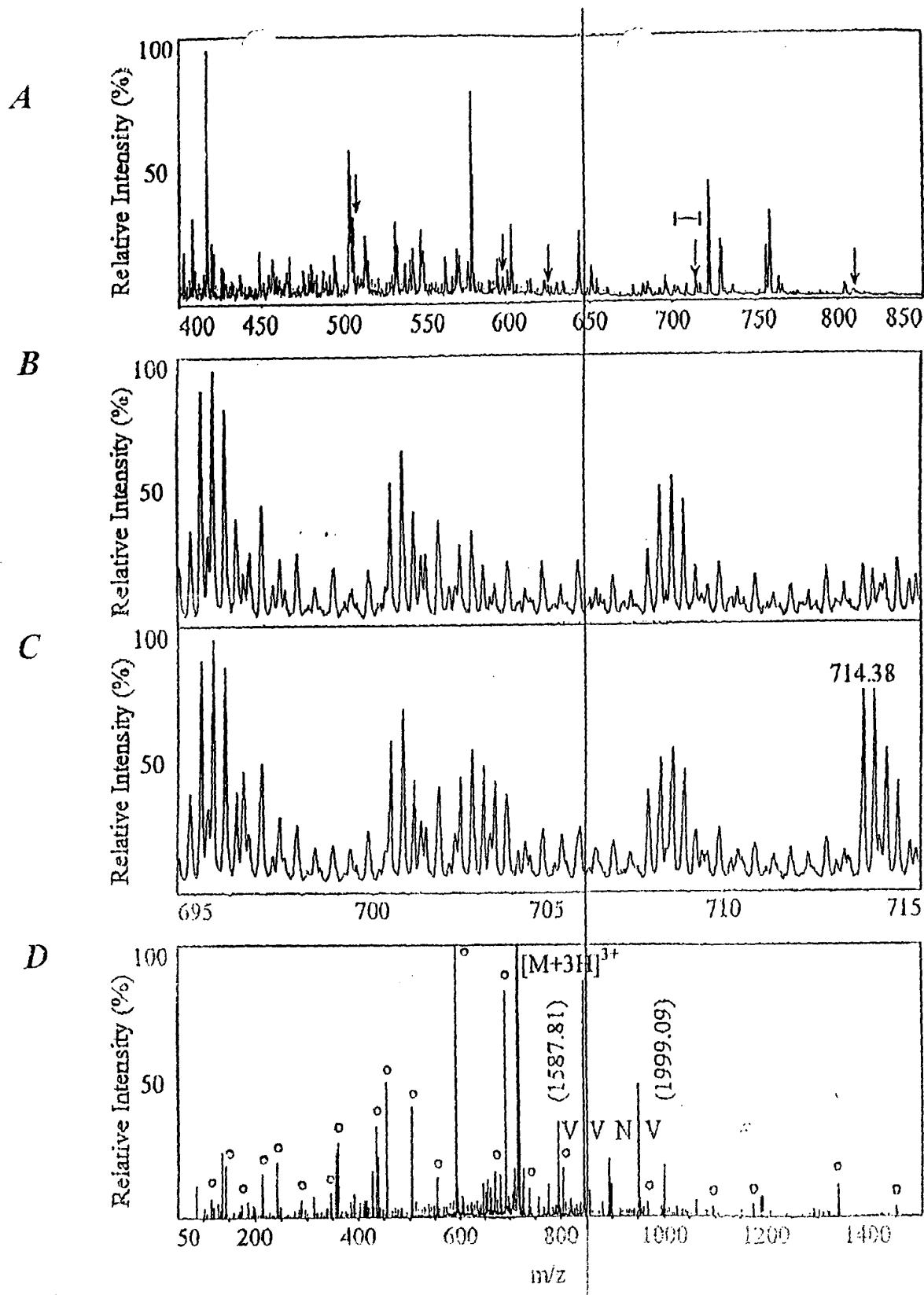


FIG. 8A-8D

GGCAGGGGGGGCGCCGGGGCGCCATGGAGCCGACTCGGTGATTGAGGACAAGACCATCGAGCTATGTGTTCTGTGC
CAAGGTCTTGTGGCTAGGCTGCACCAACCTGGTAGAGAGCATGTGCGCACTGAGTTGCG
TGCAGAGCATGCCAGTGTAGATGTCAGATGTCAGATAAGTAATGAAACATCATCTGTGATCGCTCCAGAAA
GAGGCCATCAGAAGGAAACTATCAAAAAGAAAAGACTTGTGATTAAATATTTGACCAGTGGTCTGAA
TCAGATCAAGTGGATTGTGGACATCTTACCGATGTGTCATTACGATGGACATATTAAC
CTTACCTGAAGCCATGTTGAGCGGGACTTTATTACCGTTACAGAGCAAGGCTAGATCACATAGC
AGAAAACATTCTTCGACTCGGATGCCAGGTCTCTGTGAGCAGAGCTGGTATGAAAGAATGGCAG
CGAGTGTCTCAGAAGGAATGCTTGGAGAAGCTGATTGAACGAATGGTACGCACTGATCCCCTATGGA
AAGGACTTCAGAAAGAAGAGGGTGGGATCAGTACCTGTTAAAACAGACCCACAGATGGCCCTCCAAA
TTCATTITATAGGTATTACCCAAAGATTATCCAGGATATAGAGACTATAGAATCTAAGTGGCGGTGT
GGACGACACAACCTGCAGAGGATTCACTGCGCTGAAAATAGTAAAGGTGCTACTGTTACAGTACG
ATGATAAAAAAATTATCAGTGGCCTACGGATAATTCTATTAAAGATATGGGATAAAACAGCCTGGAAATG
TTGAAAGTGTAAACAGGACACACAGGCTCTGCTCTGTGAGTGTGAGCAGTGGCTATTGTAAC
GGCTCTCAGATTCTACGGTGAAGGTGAGGATGTAACACGGGTAAGGTTAAACACATTGATCCACC
ACAATGAGGCTGATTGCACTACGCTCAGCAATGGACTGATGGTACCTGTTCAAGGACCGCTCCAT
TGCTGTGAGGACATGGCTCTGCGACCGACATCACTTACGCCGTGCTGGTGGCCACCGGGCTGCC
GTCAATGTAGTAGACTTGTGACAGACAAGTACATCGTCTGCTGCTGGTACAGGACATCAAAGTCTGGA
GCACGAGCACCTGTGAATTGTCGACTCTCAATGGGACAAGCAGGGGATTGCTGTCCAGTACAG
GGATGCCCTGGTTGTTAGTGGATCATCAGATAATACCAATTAGGCTCTGGGATATTGAATGTGGTGCCTGT
TTAAGAGTCTAGAGGGACATGAAGAATTGGTCCGATGCATCCGGTTGATAACAAGAGGATTGTCAGTG
GGGCCTATGATGGAAAATTAAAGTTGGGACTTGAAGCTGCTGACCCCTGAGCCCCAGCAAGCAC
ATTGTGTTGCGCACATTGGGAACTTGGGACTTGGGAGCTGTTGGCTCCAGTTGATGAGTTTCAAGTAC
ATCAGCAGCTCCCATTGACACTATTGATTGGGATTCTTAAATGTGCCCTCCAGTGGCCAGAATG
AGACCCGTTCCCTCCAGAACATACACTACATCTAGATAACAGTCTGCACTTCAACCGTTTCAAG
GTTTCTAGTCTGAACACTGGTACGGTACCCAAATGCCAAGGGAGTTCGTTCACAGCTGAGTTA
TGAAGCTGAAATTGGTCTAGACGCTGGTAGATGCAAAGCAGCTTAACGTTCAAGTACCGACATTCT
CACCTCTGATTCCGGCTCCTTGAGAAGGAGACCTAGCTCCCGGCTCAAGTAGAACAGAACAGCCC
GTTTCTCCCTCATCAGTGGAAAATTAAAGTTGGGACTTGAAGCTGCTGACCCCTGAGCCCCAGCAAGCAC
ATCTGTTTACAGAAGTAAATGACCGTCAAGAGAACATTGGCTCTAATTATATTGCTTGCAC
GGTTTGATATTAAAGAACAGCATTCTCTCAGTGAATTGGGAAACACCTACCCAGAACATGTCC
AGGGCTTCAATTCAAAAGTTAGCATTCTCCTTGACCGTCAAGTCATTGAAATTCTGACTTGTG
TATTAGGAACATGTTGGACAGTGGAAAATTCTCTGGATTGTTAGTAATTGGGATTATACTT
CCTTCTGTACCAATTCTTAAAGAACATAAGTCAGTTATTACCAACAGGAAAT
AGCTCTTCTTATTAAACTGTTCTGTCCTCTGCCCCAACATCTCCTGATATTGGTAGAGTAACACCTTA
TACGTGTGCTGCCTCTAAATTAAACTGTATTGCGATGAGTATAATGTACATAACAGTTAAC
TCAAAGTGTGGAGTCAGGGCCCCCTGCTTGAGACACTAACAGAGTGTGTTGCACCTAGCCATG
GGCTGGCTCAAGAACCTGATACTGGGTTGATGTGGATTACCTAGAACCCCTCTGCACTTAC
GTGTTTATTGGTTGTCATTGCGTGTGTTGTTGTTGAGTAAATTGAGAACATCTGTTTA
AAATGTAATTCTAAGGTTAACACCAAATGTTATTGTTGTTGAGTATATTACAAATAGAGAG
GTACCTAAACATTGGTTATTCTTCTCATAGTACTCCTGAGTACAAGTGGTACCCCT
TAGATTCTGGCTCGCTGTCAAAAATCATTCTGTGCACTGTTGAGTACAAGTGGTACCC
GAAGGCCCTGGACGGGCTGTCTGGCTCTGAAATTGATGCACTCTGGCCTGCAAGGTTCTGGCAGG
GCCTGCTGGTGTGGAGCAGGCTGCAGGGCAGGTCAAGGCTGGTCAAGGGCCATGCTGAGGGGGTGG
TCTGAAGTGGAGTGAAGCCTCAAGCCCATGAATGCCACCCAGTCATCTCTGGTGTGAGCTGCTG
GCCCAAGCAGGTTCTCAAAGCTCCAAGTCTCCCTACGACACAGCCAAATGTAATGGCA
CCCTGACAGTGCATGGAAAGGACGTTGCATCCAATTGCACTCTCTCCCTTATTCA
GATTGGCTTCTGCCATTGTTCAAAGATCAAGGAATGTCATAACATTAAAGGACCAATAAACAGC
CTCCATAAAAGTAAACCTCTCCGTGAAAGCACACTACTAACAGGAAAGGCCCTGGCTCTGAT
TTGTCCTTGCATTGAGAACGGTGTGGGGATCAGTGTGTTGATGTGATTGTTATTGAGTTGG
GCTTTTTAGTTCTTAAAAATAACCTTCTCCATGTTACTAAATTAAATTATGTTTGA
GAGGTTGAGTCTAAAGTGTAAACAATAACCTCCATTGATGGGAGATGATGGCCTTGA
TGTGAAAGTGTATTAGCTTGCACACTTTCATCCTACAGCTTCAATCAA
GGGGGAAGGGAGGGGGCAGGGGAGGGCAATTGTAATGAATGAATGGATT
TTAATATAGAAGTCCCTCGTTCTGGGAGATGATGGCCTTGAATATGCA
GACAACCTTGAATTG

TGCCTACTAAATTATAGCAGGGACTTGGCACCCAAGGAGTTCTGACTTCTGGGATTATAATAGTAAT
TCCAGCCATACTCTGGACTTATTGCTAACCATAACTGAGCAAATGTAATTACTGCTATATTAATG
TTTAAAGCACTGGGATAGTCTAATTCTAACTTGTAATTAAATTATGTTGCCAATTATCTGTTGAAATA
AATTGTGTCTAACAGCTATTGAAACTGTTAAATTGTACAGATATTATTCATGACAGCTTGTACTGTG
GAATGTGCTTAATAAAAAACAAAAAAGTTGACTTTGTCCAGTAAATTGCTAAGTAATGTCAATAAATC
GAGTATGGGTATTATGCAGTGCACCTAATCTGGCTTATGCAATTGTTACTTCAGCTACTGATTCAAAGC
CAACTCTTAATAAAAGTGTGCAACTC

FIG. 9B

MEPDSVIEDKTIELMCSVPRSLWLGCANLVESMCALSCLSQSMPSVRCLQISNGTSSVIVSRK
RPSEGNYQKEKDLCIKYFDQWSESDQVEFVEHILISRMCHYQHGHINSYLKPMQLQRDFITALPEQGLDHIA
ENILSYLDARSLCAAEVCKEWQRVISEGMLWKKLIERMVRTDPLWKGLSERRGWDQYLFKNRPTDGPPN
SFYRSLYPKIIQDIETIESNWRCGRHNLQRIQCRSENSKGVYCLQYDDEKIISGLRDNISKIWDKTSLEC
LKVLTGHTGSVLCQYDERVIVTGSSDSTRVVWDVNTGEVLNTLIHHNEAVLHLRFNSNGLMVTCSKDRSI
AVWDMASATDITLRRVLVGHRAAVNVVDFDDKYIVSASGDRTIKVVWSTSTCEFVRTLNGHKRGIACLQYR
DRLVVGSSDNTIRLWDIECGACLRVLEGHEELVRCIRFDNKRIVSGAYDGKIKVWDLQAALDPRAPAST
LCLRTLVEHSGRVFRLQFDEFQIISSSHDDTILIWDFLNVPPSAQNETRSPSRTYTYISR

FIG. 10

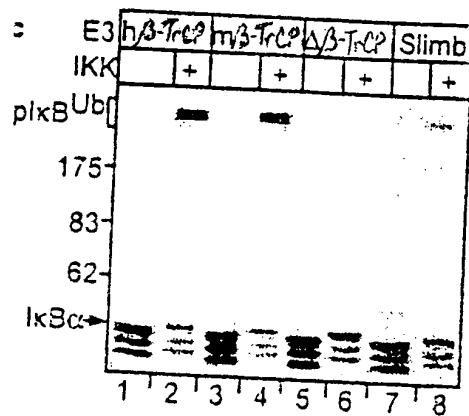
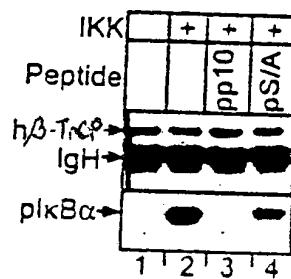
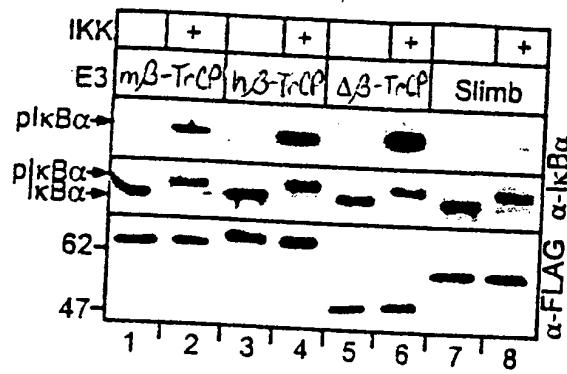


FIG. II4-IIIC

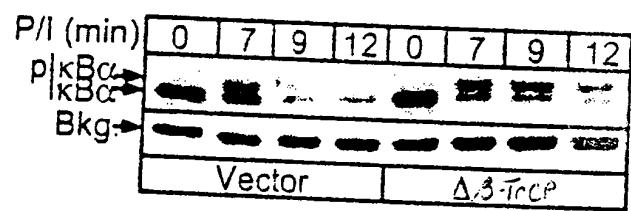
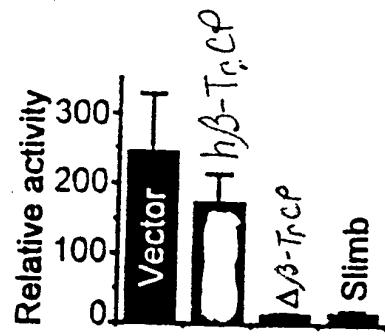


FIG. 12*A* and 12*B*